

# ARVADA 4TO (SAE 30)

**High-Performance-Transmission-Special Fluid SAE 30**

## Description:

ARVADA 4TO (SAE 30) is a special oil for hydraulic and transmission systems.

ARVADA 4TO (SAE 30) manufactured from high-quality refined mineral oils alloyed with special combinations of additives. The greater serviceability – particularly compared to Caterpillar TO-2 as well as to normal ATF and universal tractor oils – is characterized in particular by the improvement in the following characteristics:  
- wear properties/friction properties/aging stability -

ARVADA 4TO (SAE 30) should be used primarily in the latest generation of Caterpillar construction machinery.

## Properties

- Excellent viscosity-temperature behaviour
- Excellent wear and friction properties
- High ageing stability
- Good corrosion protection towards steel and non-ferrous metals
- Good demulsifying properties
- Excellent elastomeric compatibility

## Effects

- Optimal operating properties
- Good flow flexibility at low temperatures
- High operational safety

## Suitable for/ we recommend this product for

SAE	30
API	CF
API	GL-4
We recommend this product for:	
ALLISON	C-4 / TES-439
CATERPILLAR	TO-4
KOMATSU	
ZF	03C, 07F

## Utilization

- Primarily in Caterpillar construction machinery (latest generation)
- In drive trains, powershift transmissions, wet brakes and hydraulic systems of
- construction machinery and other heavy equipment, e.g.: wheeled loaders, tractor shovels, bulldozers, container lifting vehicles, shunting vehicles, airport tractors
- Important: This special transmission fluid, which meets TO-4 requirements, cannot be used as motor oil

## Disposal:

- ARVADA 4TO (SAE 30) is assigned to category 2 of used oils and thus is free for disposal.

## Miscibility:

- ARVADA 4TO (SAE 30) Transmission-Special-Fluid is only miscible with comparable lubrications and well tolerated. However, it is recommended to take only ARVADA 4TO (SAE 30) when refilling.

## ARVADA 4TO (SAE 30)

Article No.	Packaging unit	
1202 925	Can	20 L
1202 926	Drum	60 L
1202 928	Drum	200 L
1242 929	PE-Container	1000 L

## Typical characteristics:

Specific weight at 15°C	kg/m <sup>3</sup>	885
Viscosity at 40°C	mm <sup>2</sup> /s	103
Viscosity at 100°C	mm <sup>2</sup> /s	11,9
Viscosity index		-
Flash point COC	°C	236
Pourpoint	°C	-33
Sulphate ashes	%	-
TBN	mgKOH/g	-

Data are subject to change.

Attention: Service instructions should be observed!

DV/GE/-  
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